

IMPLEMENTATION & INTEGRATION: CDL FOR ALL LIBRARIES

Learn about building institutional CDL policies, user experience for patrons and staff, technological platforms, and how you can get involved with the CDL community.

Wednesday, July 14 1PM-2:30PM ET

<https://tinyurl.com/cdl-implementation>



CDL
IMPLEMENTERS

Jennie Rose Halperin

EXECUTIVE DIRECTOR

LIBRARY FUTURES

@library_futures @little_wow



INTERNET ARCHIVE

CDL
Implementers

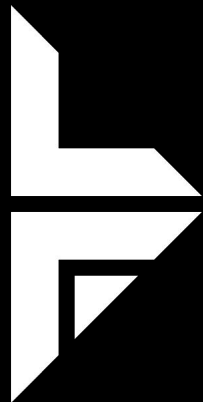
Ask your questions in Q & A

How do I talk to
my library
director about
CDL?

Is CDL
appropriate for
public libraries?

What does CDL
look like for
library users?

**LIBRARY
FUTURES**



RE&SHARE

Open
Library
FOUNDATION



INTERNET ARCHIVE

CDL
Implementers

- Policy Overview: Kyle K. Courtney, Harvard University/Library Futures
- User Experience and Staff Workflows
 - Internet Archive/Open Library: Chris Freeland
 - Fordham University: Mariah Lewis
 - Caltech: Mike Hucka, Stephen Davison
- CDL and ILL Co-op: Charlie Barlow, Boston Library Consortium
- The CIRC Project: Tucky Taylor, Journal of Copyright and Librarianship/Library Futures
- How to get involved: Tom Cramer, Stanford University/Open Library Foundation
- Q & A moderated by Jennie Rose Halperin, Library Futures

Kyle K. Courtney

HARVARD UNIVERSITY/LIBRARY FUTURES

kyle_courtney@harvard.edu

[@kylekcourtney](https://twitter.com/kylekcourtney)



INTERNET ARCHIVE

CDL
Implementers

"How do I talk about CDL and make it happen?"

Kyle K. Courtney
Copyright Advisor, Harvard University
&
Board Chair, Library Futures

Outlining Risk & Reward in CDL Policy Adoption

Identify core mission, principles

“Mythbust”

Choose Your Approach (Calculating Risk)

Supporting Documentation

Deploy Policy

Identify this as a familiar mission and system for libraires

One acquired copy

Checked out to one person at a time

Limited time period, returned

Made available to next person

 *Repeat*

[No permission needed from © holder]

Mythbust:

Is there support for Controlled Digital Lending?

(Policy development by numbers)



AUTHORS
ALLIANCE



Institute for the Study of
Knowledge Management
in Education

/ ASSOCIATION
OF RESEARCH
LIBRARIES /



ASSOCIATION OF SOUTHEASTERN RESEARCH LIBRARIES



International
Federation of
Library
Associations and Institutions

SPARC*

Rakuten OverDrive[®]



OCCAM'S
READER

box



ExLibris
Alma



Controlled Digital Lending continues to be adopted....

- Now **100+** (U.S. & Canada) libraries have harnessed a CDL system to loan their digital copies
 - Boston Public Library
 - Allen County Public Library (genealogical collection)
 - Georgetown Law Library
 - MIT Libraries
 - MIT Press (selected back catalog)
 - Houghton Mifflin Harcourt (entire back catalog)
 - And more....

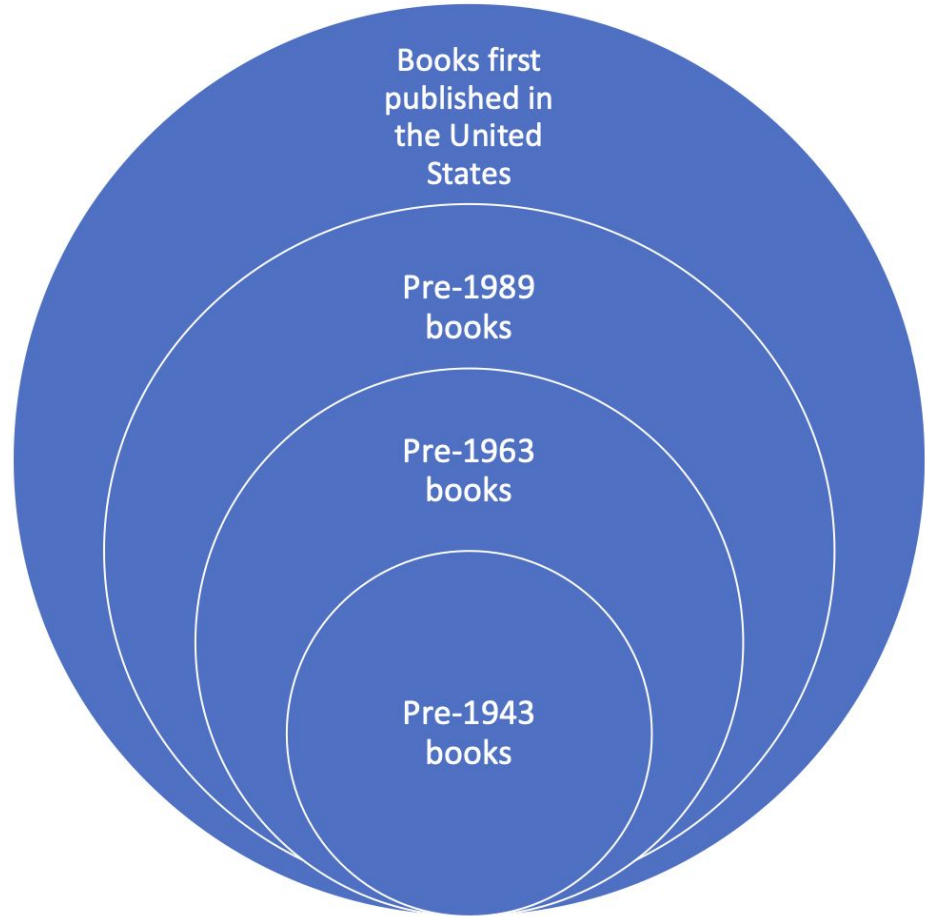
Low risk, reasonable
solution that
preserves legal and fiscal
value in collections

Choose your program for the policy

- Off-site collections
- Reserves materials
- Special Collections & Archives
- Other rare collections (unique, historical, ephemera)
- A focused collection (particular author, donor, subject)

Consider labelling it a “pilot”

Sample Policy Risk Calculus



The CDL Methodology: Policy Points

- Lawfully acquired works (purchase, donation, etc.)
 - **Not licensed**
- Maintaining the “**owned to loaned**” ratio
- Lend to a **single user** at a time
 - mimic the physical loaning process
- Limit the time period of the loan
 - hours, days, weeks, semester
- Use digital rights management to **prevent wholesale copying and redistribution**

Supporting Documentation

Kyle K. Courtney & David R. Hansen,
*“A White Paper on Controlled Digital Lending
of Library Books”*

OA version at <http://bit.ly/CDLWhitePaper18>
(updated publication forthcoming 2021)

Chris Freeland

INTERNET ARCHIVE

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INTERNET ARCHIVE

CDL
Implementers

Open Libraries

Implementation Details

Chris Freeland
Director of Open Libraries





Books to Borrow

Share

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Books in this collection may be borrowed by logged in patrons. You may read the books online in your browser or, in some cases, download them into [Adobe Digital Editions](#), a free piece of software used for managing loans.

ABOUT

COLLECTION

2,639,790 RESULTS



SORT BY

VIEWS

TITLE

DATE PUBLISHED

CREATOR



Search this Collection

- ☒ Metadata
- ☐ Text contents

Media Type

☐ texts 2,639,790

Availability

- ☐ Lending Library 2,638,677
- ☐ Borrow 14 Days 988,155
- ☐ Always Available 3



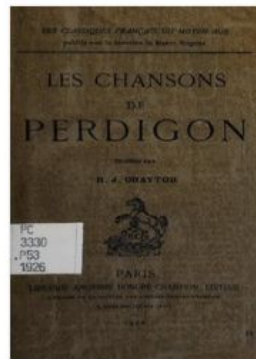
Colección de escritos

1899



Lord Elgin

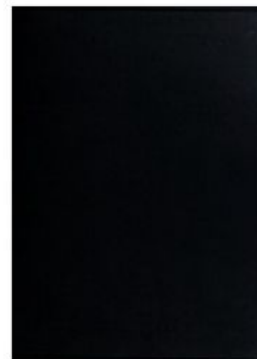
1926

Les chansons de
Perdigon

1926

International critical tables
of numerical data,

1926

The International labor
organization; a study of

1926



How we build our lending library

- Acquisition
- Digitization
- Preservation
- Access: Controlled Digital Lending

- Acquisition
- Digitization
- Preservation
- Access

PM Press Sells Ebooks to Internet Archive: “We want our books to be in every library”

Posted on [September 21, 2020](#) by [Caralee Adams](#)



Like any commercial publisher, Ramsey Kanaan wants to make money and have as many people as possible read his books. But he says his company, [PM Press](#), can do both by selling his books to the public and to libraries for lending – either in print or digitally.

While most publishers only license ebooks to libraries, PM Press has donated and sold both print and ebook versions of its titles to the Internet Archive to use in its Controlled Digital Lending (CDL) program. By owning the copies, the Internet Archive ensures that the press's collection of publications is available to the public and preserved.

“We’re not above profit making. It’s with sales that we pay our salaries. Nevertheless, the reason we are also doing this is we actually believe in the information we are selling and we want to make it accessible,” says Kanaan. “We want our books to be in every library.”

- **Acquisition**
- **Digitization**
- **Preservation**
- **Access**



- Acquisition
- **Digitization**
- Preservation
- Access



- Acquisition
- Digitization
- Preservation
- Access



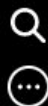


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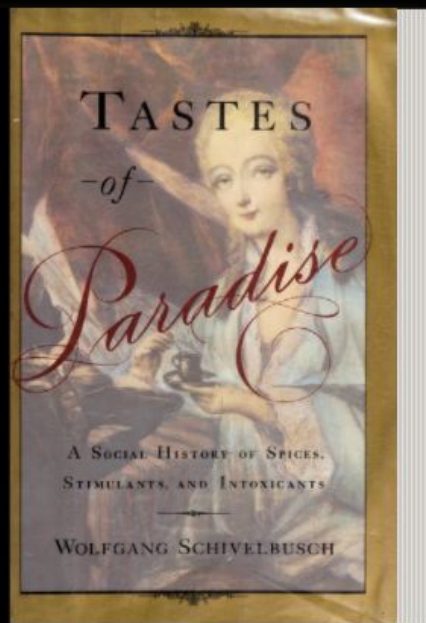
Log In and Borrow

Log In and Join waitlist

Get print disability access



- Acquisition
- Digitization
- Preservation
- Access



Preview



(1 of 264)

**Tastes of paradise**

by Wolfgang Schivelbusch





Open Libraries

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Libraries that are interested in lending digital books to their patrons should [join Open Libraries](#) and contribute to the community of practice we are building together. By joining Open Libraries, libraries can identify the overlap in their physical holdings with our digital holdings and provide free digital books to patrons where there are matches. Additionally, libraries can add their holdings into Open Libraries to increase lending counts.

- Learn more about [Open Libraries](#)
- Learn more about [Controlled Digital Lending](#)
- Watch a [demo of how Controlled Digital Lending works](#)

ABOUT

COLLECTION

81 RESULTS

Search this Collection

- ☒ Metadata
- ☐ Text contents (no results)

Media Type

- ☐ collections 80
- ☐ data 1

Availability

SORT BY VIEWS · TITLE · DATE PUBLISHED · CREATOR



Spokane Public
Library - Open
Libraries

34,190



University of
Arizona Libraries

 335,571
ITEMS

Denver Public
Library - Open
Libraries

88,245



Milton Public
Library - Open
Libraries

25,926



Open Libraries Wish List



6,523



19



1

How it works:

- Give us your MARC records
- We'll run an overlap with our digital holdings
- We'll give you back links to matched books
- You can bring those links back into your catalog



Cost: \$0



Philadelphia Museum of Art - Open Libraries

View additional [Philadelphia Museum of Art Publications](#), including exhibition and collection catalogs.

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ABOUT

COLLECTION

7,005 RESULTS

SORT BY VIEWS · TITLE · DATE PUBLISHED · CREATOR



Search this Collection

- ☒ Metadata
- ☐ Text contents

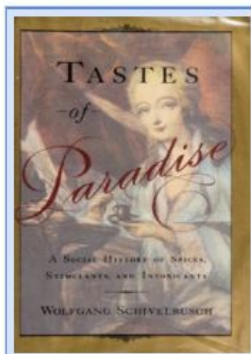
Part Of

[Open Libraries](#)

Media Type

☐ texts 7,005

Year

☐ 2014 9☐ 2013 18

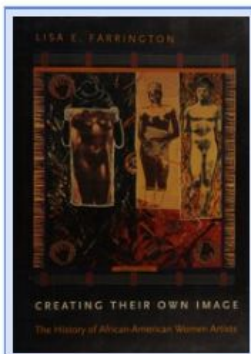
Tastes of paradise
by Wolfgang Schivelbusch



1,126

21

0



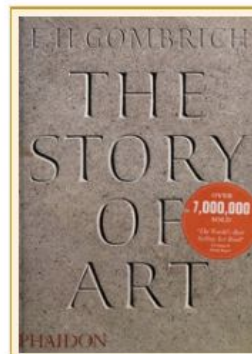
Creating their own image :
the history of African-
by Farrington, Lisa E



327

20

0



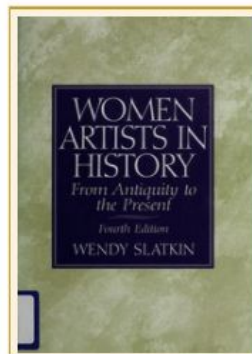
The story of art
by E. H. Gombrich



1,579

63

0



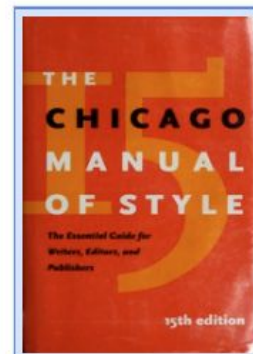
Women artists in history
by Wendy Slatkin



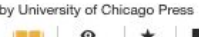
603

10

0



The Chicago manual of
style
by University of Chicago Press



1,205

18

0



Files for pma-ol

Name	Last modified	Size
↑ Go to parent directory		
history/	21-Mar-2021 23:54	-
__ia_thumb.jpg	21-Jun-2021 00:10	9.5K
pma-ol_archive.torrent	04-Jul-2021 23:00	14.0K
pma-ol_files.xml	04-Jul-2021 23:00	20.2K
pma-ol_meta.sqlite	21-Jun-2021 00:08	76.0K
pma-ol_meta.xml	12-Apr-2021 16:16	693.0B
pma-ol_simplelists.sqlite	04-Jul-2021 23:00	1.6M
pma.tsv	21-Jun-2021 00:08	1.2M
pma_20210101_inlibrary_direct_matches-exclusions_conflated.lst	28-Jan-2021 03:34	238.0B
pma_20210101_inlibrary_direct_matches.tsv	28-Jan-2021 03:34	584.8K
pma_20210101_inlibrary_similar_matches.tsv	28-Jan-2021 03:34	182.2K
pma_20210101_overlap_summary.txt	28-Jan-2021 03:34	526.0B
pma_20210101_physical_direct_matches-exclusions_conflated.lst	28-Jan-2021 03:34	238.0B
pma_20210101_physical_direct_matches.tsv	28-Jan-2021 03:34	682.8K
pma_20210101_physical_similar_matches.tsv	28-Jan-2021 03:34	218.9K
pma_20210101_promised_direct_matches.tsv	28-Jan-2021 03:35	153.5K
pma_20210101_promised_similar_matches.tsv	28-Jan-2021 03:35	-
pma_20210201_inlibrary_direct_matches-exclusions_conflated.lst	21-Mar-2021 23:53	238.0B
pma_20210201_inlibrary_direct_matches.tsv	21-Mar-2021 23:53	600.4K
pma_20210201_inlibrary_similar_matches.tsv	21-Mar-2021 23:53	182.1K
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pma_20210201_physical_direct_matches-exclusions_conflated.lst	21-Mar-2021 23:53	238.0B
pma_20210201_physical_direct_matches.tsv	21-Mar-2021 23:53	702.0K

Overlap Summary for pma @ 20210601

Total unique ISBNs from pma : 52755

. Match type .	ISBNs	%	IA items
-----:-----			
inlibrary direct matches	8646	16	8098
physical direct matches	8996	17	8512
promised direct matches	2700	5	634
-----:			
inlibrary similar matches	1934	3	1840
physical similar matches	2062	3	1990
-----:			

9780394543819	afterrevolution00smit	OL25760264M	OL17188558W	000007681
9780394544670	americanprimitiv000ricc	OL2062045M	OL4651704W	000201527
9780394545936	populuxe0000hine	OL2740439M	OL3510335W	000007409
9780394545974	christo0000lapo	OL15026570M	OL11357196W	000007399
9780394546643	edwardhopperinti00levi	OL1270911M	OL1868038W	000019974
9780394548470	americanwingatme000metr	t6v4	OL3026826M	OL4963294W
9780394551098	sellingculture000silv	OL2712108M	OL4625788W	000009518
9780394559186	lifeofpicasso00rich	OL2217619M	OL4802842W	000014965
9780394559957	dreamsdelusions00frit	OL2407933M	OL12775W	000010670
9780394563770	nightstudiomemoi000maye	OL2061942M	OL1713188W	000014259
9780394565620	generationsunive000unse	OL2392756M	OL18187212W	000010127
9780394570167	historyofafrican00bear	OL2217519M	OL4455056W	000018504
9780394571690	talesfromartcryp00feig	OL6800766M	OL7800017W	000140416
9780394572048	philipjohnsonlif000schu	OL1077110M	OL2969528W	000049173
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9780394573038	artofneedledesig000bean	OL7461355M	OL3392095W	000172149
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9780394579849	tastesofparadise00schl	OL1566700M	OL2727805W	000155043
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9780394586700	matiseppicassomi000bern	OL1868171M	OL4459164W	000014675
9780394587028	billtraylorhisar000mare	OL1567385M	OL3899401W	000140205
9780394587776	magicianofmodern00gadd	OL6783817M	OL7796740W	000024748
9780394588049	noguchieastwest00asht	OL1540366M	OL669735W	000016731
9780394624501	diariesofjudithm00mali	OL21360740M	OL13364638W	000198586
9780394701660	wayofchinese00szem	OL13594783M	OL169565W	000157043
9780394706993	thousandyearsofv000nguy	OL9721520M	OL9260469W	000159208
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9780394709628	wisconsindeathtr00lesy	OL5292074M	OL66894W	000058413
9780394710525	avantgardephotog000coke	OL3782137M	OL4288065W	000002463
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9780394711966	streetmurals0000bart	OL3513972M	OL5642002W	000002370
9780394712154	wpaguidetonewyor000unse	OL3506651M	OL17977460W	000002446
9780394715605	artistquilt00robi	OL3186720M	OL15158890W	000152785
9780394717029	hindutraditionre00ains	OL21362717M	OL17735552W	000159911
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9780394722672	sexualityofchris000stei	OL21360854M	OL11376492W	000008673
9780394723693	flashofspiritafr00thom	OL3185017M	OL3574916W	000113658
9780394724096	impecunioushouse0000kirk	OL2868568M	OL3356797W	000119024
9780394724638	indiawoundedcivinaiprich	OL7462291M	OL103112W	000157037
9780394724799	readingdrawingsi0000lamb	OL21362936M	OL3177427W	000013354
9780394726304	folkheartsclebr00scha	OL2868809M	OL2079638W	000006223
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9780394731131	seeingwithmindse00mich	OL25670220M	OL17099931W	000028366
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Open Library IDs

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9780394579849	tastesofparadise00schi	OL1566700M	OL2727805W	000155043
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9780394582153	onlyinamericasom0000grah	OL1889664M	OL512838W	000014537

IA ID

BibID

<https://archive.org/details/tastesofparadise00schi>


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[Persistent Link](#)

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Record 1 out of 1

[◀ Previous Record](#)
[Next Record ▶](#)

Location/Call. No.	Volunteer Library GT2880 .S36
Author	● Schivelbusch, Wolfgang, 1941-
Title	● Paradies, der Geschmack und die Vernunft. English
Title	● Tastes of paradise : a social history of spices, stimulants, and intoxicants / Wolfgang Schivelbusch ; translated from the German by David Jacobson.
Edition	1st American ed.
Publication Info	New York : Pantheon Books, c1992.
Web link	 { Check for access via Internet Archive }
Description	xiv, 236, [3] p. : ill. ; 25 cm.
Series	(Internet Archive Lending Library)
Notes	Translation of: Das Paradies, der Geschmack und die Vernunft.
Notes	Includes bibliographical references (p. 229-[237]).
Subject	● Drinking customs.
	● Drug abuse.
	● Spices.
	● Manners and customs.
Subject	● Drogas -- Abuso.
	● Especias.
Med. Subject	● Alcoholism.
	● Drinking Behavior.
	● Spices.
	● Stimulation, Chemical.
	● Substance-Related Disorders.
ISBN	0394579844 : \$25.00 (\$31.50 Can.) 9780394579849
System Number	000155043

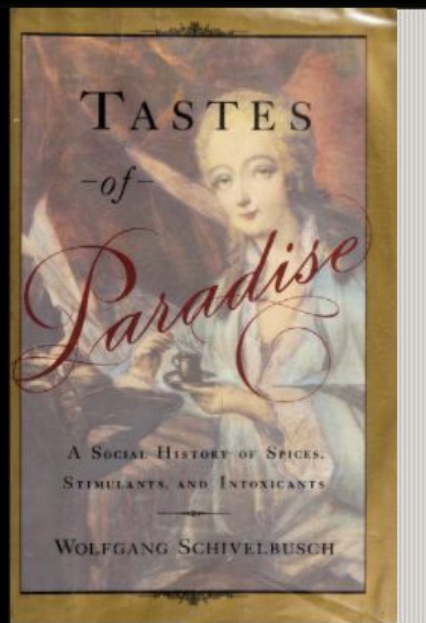


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Preview



(1 of 264)



Tastes of paradise

by [Wolfgang Schivelbusch](#)



Open Libraries

Implementation Details

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INTERNET ARCHIVE

CDL
Implementers



FORDHAM UNIVERSITY

THE JESUIT UNIVERSITY OF NEW YORK

Last Updated: January 2021

Fordham Digital Reserves: A GSuites Approach to CDL

Presented by Mariah Lewis, Nick Alongi,
Witt Meesangnil, and John D'Angelo

Library Futures
July 14th, 2021



Background & Planning

- Worked with University
 - Office of Legal Counsel
 - Office of Disability Services
 - Accessible versions available for select users
 - Law School Library
 - Different needs and ILSs
- Will continue post-pandemic

FORDHAM

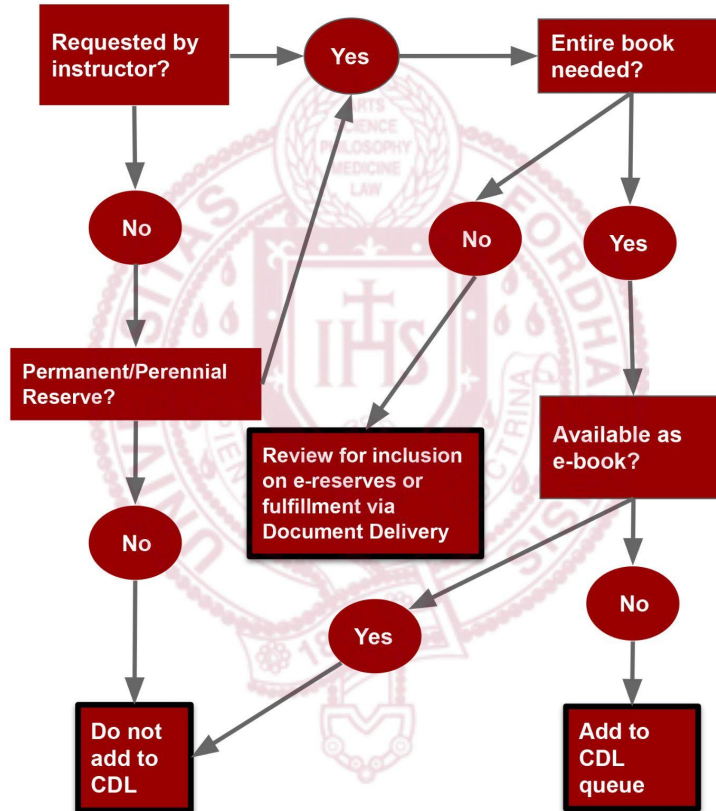


Planning

- ONLY for Course Reserves materials.
 - 2000+ Unique items / call numbers already on Reserve, plus any new faculty requests
 - Check for E-Book version first
- Top Priorities: Controlling and locking down content
 - Behind log-in & two-factor authentication
 - Expirations times
 - Disabled ability to download (EXCEPT in cases of accessibility)



Should I add that book to the Fordham Digital Reserves (CDL)?



FORDHAM

Implementation

FORDHAM

- Kicked off scanning (second week of August)
 - Work performed at all 3 campus libraries
 - Scanning done in-house: 37 people involved (18 Full-time Staff / 4 Part-time staff / 15 Student Workers)
 - Scanning done by an outside vendor: 448 books sent
- The Digital Reserves Web App went live (August 24th)
 - Developed in-house
 - Use Google Drive as Backend
 - The app automates the process (completely unmediated)
- 1,900+ titles estimated to be available by end of term

'Everything' is on Google Drive

Why?

1. It has a PDF reader with "copy/download protection"
2. It has a time limit sharing mechanism.
3. Fordham is a GSuites campus (everybody has Google Account)
4. We only had a month or so to write the app, using Google Drive is a lot easier (We have since rewritten to app to make it less Fordham specific and share it on Github)



FORDHAM

Google Drive's Sharing Features

- Can prevent viewers from “downloading, printing, or copying files”
 - It converts PDF and serves each page as an image as user scrolls down (deters copying)
- Can share files and make it auto expire

← Share with people settings

- ☒ Editors can change permissions and share
- ☐ Viewers and commenters can see the option to download, print, and copy



Share with people and groups



Add people and groups



Wittawat Meesangnil (you)
wmeesangnil@fordham.edu

Owner



Fordham librarycatalog
librarycatalog@fordham.edu



Viewer ▾

Access expires in 30 days **Sun, Oct 25** 11:59 PM

[Remove expiration](#) [Close](#)

[Send feedback to Google](#)

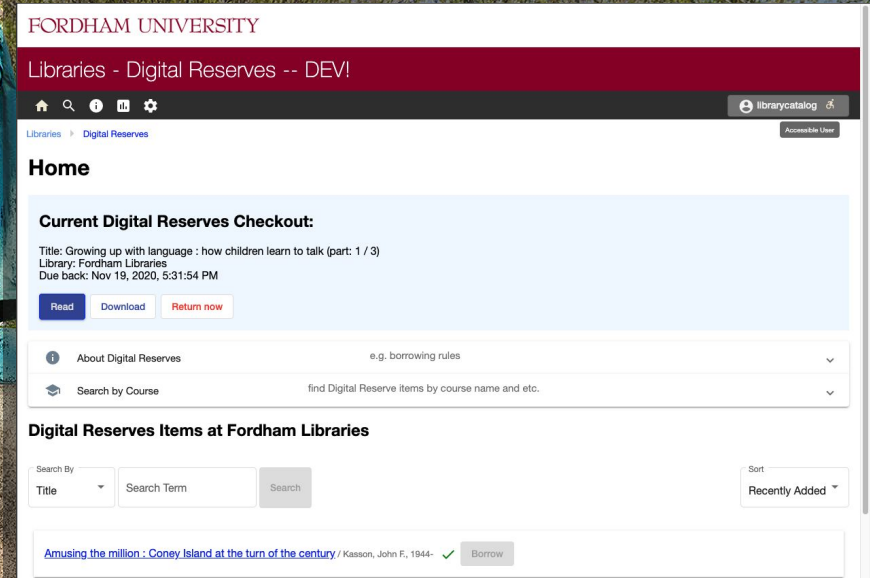
Pending changes

[Save](#)

FORDHAM

Accessibility

- By default, users will get an item with NO OCR data (to prevent copying)
- But for users with accessibility needs
 - Register with Office of Disability Services
 - Will gain access to an item WITH OCR data (for screen readers), they can also download PDFs
 - Staff uploads OCR'd PDFs, the app will automatically generate the NO OCR version
- Authorized accessible users are pulled from a spreadsheet of User IDs
 - Locked down and minimal access to respect privacy



FORDHAM

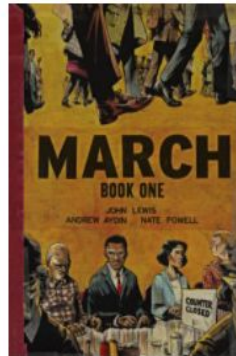
Catalog View (Sirsi)

A view from the ILS side-

- A custom JavaScript will also call the CDL app to check if the item is available
- Law library (*III's Sierra*) links to the CDL app manually from the 856

Item Details

☐ Keep



Nearby items on shelf

Item Information [A Look Inside](#) [Catalog Record](#)

Title **March**
Author Lewis, John, 1940-2020
Publisher: Top Shelf Productions,
Pub date: [2013]-[2016]
Pages: 3 volumes :
ISBN: 9780606324366
Copy info: No copies currently available. Estimated wait undetermined.
3 reserve copies available at Rose Hill--Walsh Library.

Congressman John Lewis (Georgia) is an American icon, one of the key figures of the civil rights movement. His commitment to justice and nonviolence has taken him from an Alabama sharecropper's farm to the halls of Congress, from a segregated school

Holdings

[VIEW OPTIONS](#)

Rose Hill--Walsh Library

	Location	Copy	Material
E840.8.L43 A3 2013 V.1	Digital Reserves	1	Book (Print)
	desk: Digital Reserves / circ rule: Circulates for 3 hours Available		
E840.8.L43 A3 2013 V.2	Digital Reserves	1	Book (Print)
	desk: Digital Reserves / circ rule: Circulates for 3 hours Available		
E840.8.L43 A3 2013 V.3	Digital Reserves	1	Book (Print)
	desk: Digital Reserves / circ rule: Circulates for 3 hours Available		

[All content](#)

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Catalog View (Alma)

- Added CDL item link/URL to Alma as Digital Item

The screenshot displays the Alma catalog interface for a book. On the left is a vertical navigation menu with links: TOP, SEND TO, VIEW ONLINE, AVAILABILITY, DETAILS, VIRTUAL BROWSE, and LINKS. The main content area shows the book's title, author information, and a 'Not Available' status with an 'Available Online' link. A yellow banner prompts users to sign in for additional services. A red box highlights the 'Digital Version(s) Availability' section, which shows one result: 'Digital Version(s) Check Availability at Digital Lending - [redacted] Library'. Below this, another yellow banner asks users to sign in to place a request through a local academic library. At the bottom, the 'AVAILABILITY AT LIBRARY' section shows the library name and checkout details: 'Checked Out, Circulation Desk: Reserve B2430.F723 F3813 2003 (1 copy, 0 available, 0 requests)'. A 'LOCATE' button is visible in the bottom right corner.

BOOK
"Society must be defended" : lectures at the Collège de France, 1975-76
Foucault, Michel, 1926-1984.; Bertani, Mauro.; Fontana, Alessandro, 1939-2013.; Macey, David, 1949-2011.
2003

Not Available >
Available Online >

TOP
SEND TO
VIEW ONLINE
AVAILABILITY
DETAILS
VIRTUAL BROWSE
LINKS

View Online

Additional services may be available if you sign in [Sign in](#)

Digital Version(s) Availability
Showing 1 of 1 results

Digital Version(s)
Check Availability at Digital Lending - [redacted] Library
Log in with your [redacted] NetID to check if a digitized copy is available for checkout.

Availability

Please sign in to place a request through a local academic library, where copies are available. [Sign in](#)

< BACK TO LOCATIONS

AVAILABILITY AT LIBRARY
[redacted] Library
Checked Out , Circulation Desk: Reserve B2430.F723 F3813 2003
(1 copy, 0 available, 0 requests)

[LOCATE](#)

User Experience: Video Walkthrough

The screenshot shows the Fordham University Libraries - Digital Reserves website. The header includes the Fordham University logo and the page title "Libraries - Digital Reserves". A navigation bar contains icons for home, search, information, and settings, along with a user profile icon labeled "mlewis83". The main content area is titled "Home" and features a "Current Digital Reserves Checkout:" section. This section displays the title "Globalization and its discontents" and the due back date "Jul 6, 2021, 7:21:24 PM". Below this, there are buttons for "Read" and "Return now". A sidebar on the right contains a "Feedback" button. The main content area also includes a section for "Digital Reserves Items at Fordham Libraries" with a search bar and a "Sort" dropdown menu. The search bar has a "Search By" dropdown set to "Title" and a "Search Term" input field. The "Sort" dropdown is set to "Recently Added". Below the search bar, there are two items listed: "Family treatment : evidence-based practice with populations at risk" by Janzen, Curtis, and "Globalization and its discontents" [2 copies] by Stiglitz, Joseph E. The first item has a "Borrow" button. The second item has a "Read" button and a "Borrow" button.

FORDHAM UNIVERSITY

Libraries - Digital Reserves

Home

Current Digital Reserves Checkout:

Title: Globalization and its discontents
Due back: Jul 6, 2021, 7:21:24 PM

Read Return now

About Digital Reserves e.g. borrowing rules

Search by Course find Digital Reserve items by course name and etc.

Digital Reserves Items at Fordham Libraries

Search By Title Search Term Search

Sort Recently Added

[Family treatment : evidence-based practice with populations at risk](#) / Janzen, Curtis. ✓ Borrow

[Globalization and its discontents](#) [2 copies] / Stiglitz, Joseph E.

- Copy 1 Read
- Copy 2 ✓ Borrow

<https://www.library.fordham.edu/digitalreserves/>

FORDHAM

Admin Experience: Video Walkthrough

FORDHAM UNIVERSITY

Libraries - Digital Reserves



mlewis8

Libraries > Digital Reserves > Admin

CDL Admin

Admin Info

Fordham Libraries Items

Filter by Title

Name	Item ID	Added	Last Borrowed	Status	Action
Effectively managing and leading human service organizations	0201610252565	1/13/21		Active	
Effectively managing and leading human service organizations	0201610252565	1/13/21		Active	
Your money (or) your life : the tyranny of global finance	0201607062878	1/13/21		Active	

<https://www.library.fordham.edu/digitalreserves/>

FORDHAM

Using Google Drive: Considerations

- Max PDF size = 100MB
 - Otherwise the Google PDF reader will NOT display
- PDF must NOT contain OCR
 - If you upload PDF with OCR data, user will be able to hit 'save' on their browser and get the OCR text in the saved .html file
- Google PDF reader tabs do not auto-expire.
 - i.e., if user leave the tab open
 - Workaround available (embed reader)
- Does not disable screen recording or screenshots



FORDHAM UNIVERSITY

THE JESUIT UNIVERSITY OF NEW YORK

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Interest Form:

<http://bit.ly/38I9SZQ>



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INTERNET ARCHIVE

CDL
Implementers

Tucky Taylor

JOURNAL OF COPYRIGHT IN EDUCATION AND
LIBRARIANSHIP/LIBRARY FUTURES

tucker@libraryfutures.net

[@tuckytaylor](#) [@jcelpub](#)



INTERNET ARCHIVE

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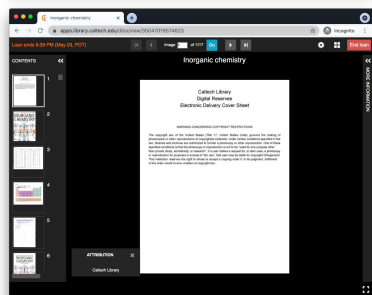
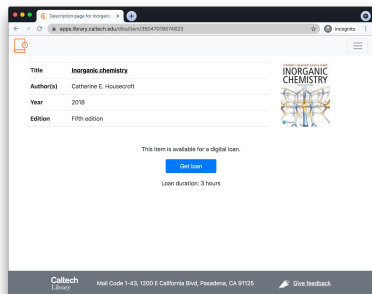


Caltech DIBS

Digital Borrowing System

Mike Hucka	mhucka@library.caltech.edu
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Tommy Keswick	tkeswick@library.caltech.edu
Stephen Davison	sdavison@library.caltech.edu

Digital Library Development
California Institute of Technology Library
Pasadena, California, CA 93111



Loan statistics

Click on the column titles to sort the table by that column.

Barcode	Title	Author	Current active loans	Total loans to date	Average loan duration	Content restrictions
20047019586679	The ghost map	Steven Johnson	0	0	never borrowed	---
20047019592039	Vector calculus	Jerrold E. Marsden, Anthony Tromba	1	54	2 hours	---
20047019576623	Inorganic chemistry	Catherine E. Housecroft	0	12	an hour	---
20047019621161	Principles of cognitive neuroscience	Dale Purves ... [et al.]	0	0	a minute	---
20047019628627	Investments	Zvi Bodie, Boston University, Alex Kane, Universit...	0	14	2 hours	---
20047019707094	The two black birds	Samuel Johnson	0	1	> 30	---

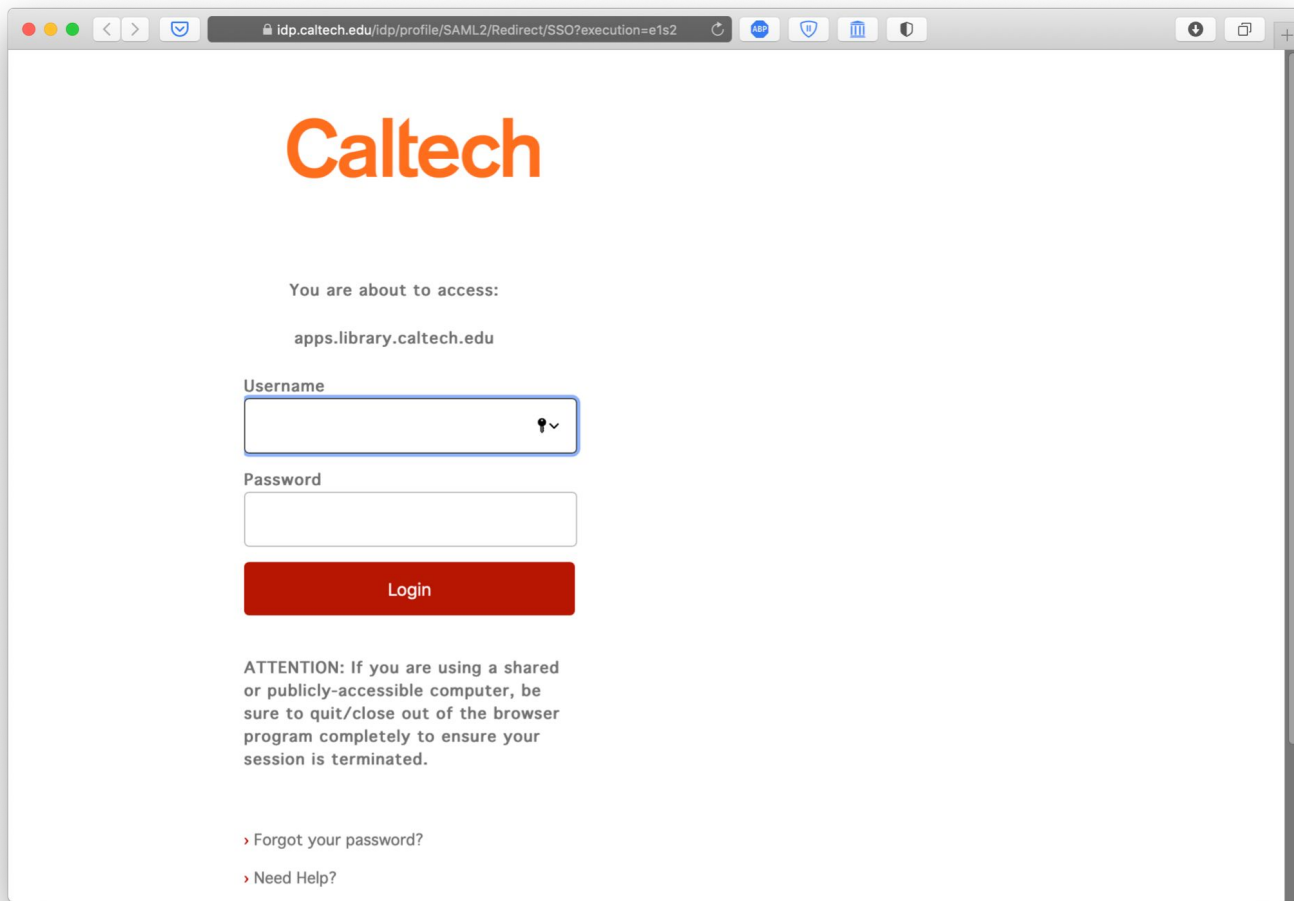
Feature summary

DIBS is a basic, standalone, CDL implementation
Software developed in-house by Caltech DLD
Content scanned by Library collection services
Written in Python, JavaScript, HTML, CSS
Uses institutional single sign-on for user login
Uses IIIF for serving images of book pages



Policies

- Remove physical copies from circulation
 - Users limited to borrowing 1 item at a time
 - Loans have limited time durations
 - There is a wait time between repeated loans
 - Downloads are disabled
 - No user tracking, no user history
 - **No queue or reservation system** (currently)
-



The image shows a web browser window with the address bar displaying `idp.caltech.edu/idp/profile/SAML2/Redirect/SSO?execution=e1s2`. The page features the Caltech logo at the top. Below it, a message states "You are about to access:" followed by the URL `apps.library.caltech.edu`. There are two input fields: "Username" and "Password". The "Username" field has a blue border and a small icon on the right. Below the "Password" field is a red "Login" button. At the bottom, there is an "ATTENTION" warning about shared computers and two links: "Forgot your password?" and "Need Help?".

Caltech

You are about to access:

`apps.library.caltech.edu`

Username

Password

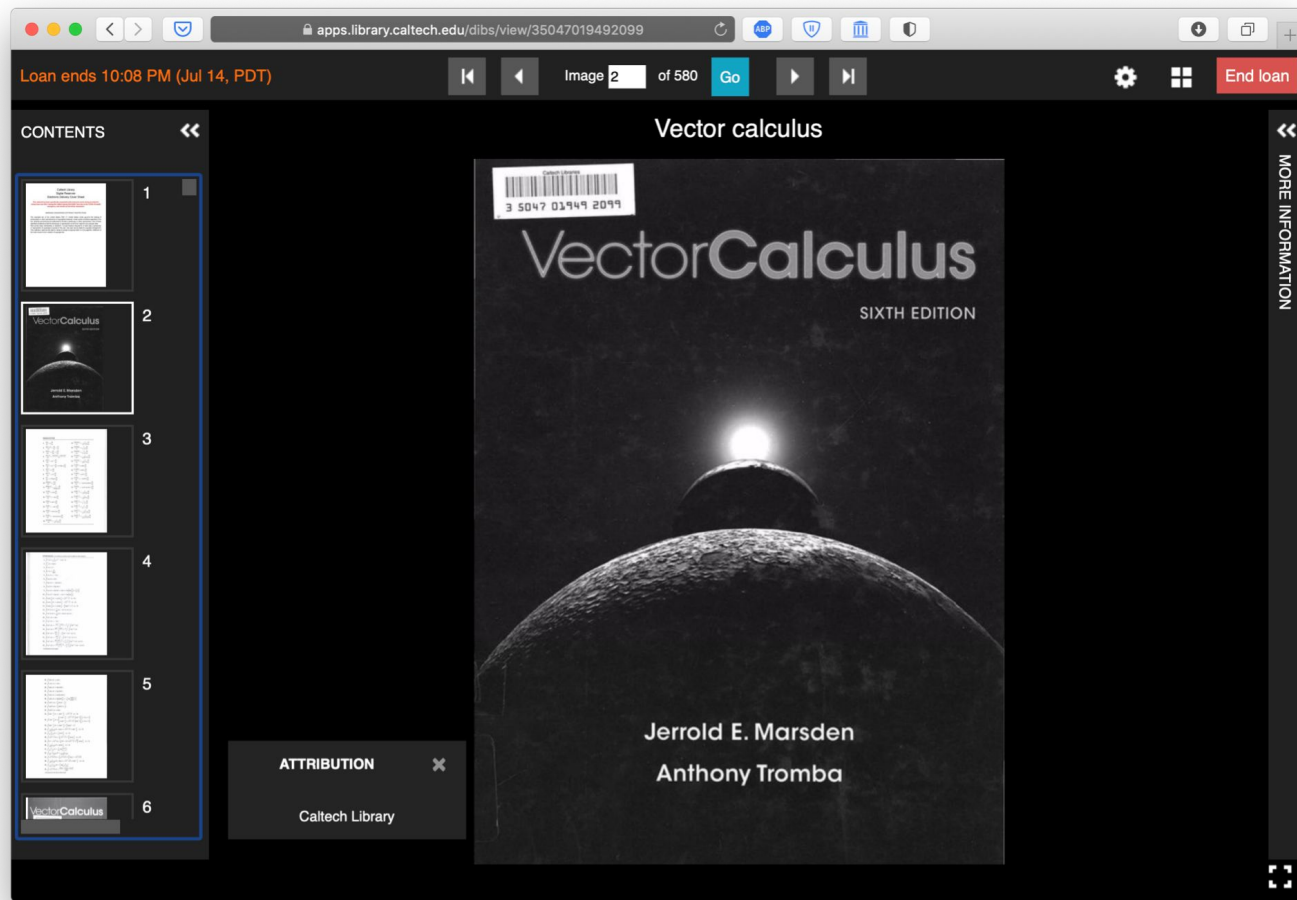
Login

ATTENTION: If you are using a shared or publicly-accessible computer, be sure to quit/close out of the browser program completely to ensure your session is terminated.

[› Forgot your password?](#)

[› Need Help?](#)

Institutional
single sign-on



Viewer page

Implemented
using the
Universal Viewer

Works in
desktop and
mobile

apps.library.caltech.edu/dibs/view/35047019492099

Loan ends 10:08 PM (Jul 14, PDT)

Image 5 of 580 Go

End loan

Vector calculus

CONTENTS

MORE INFORMATION

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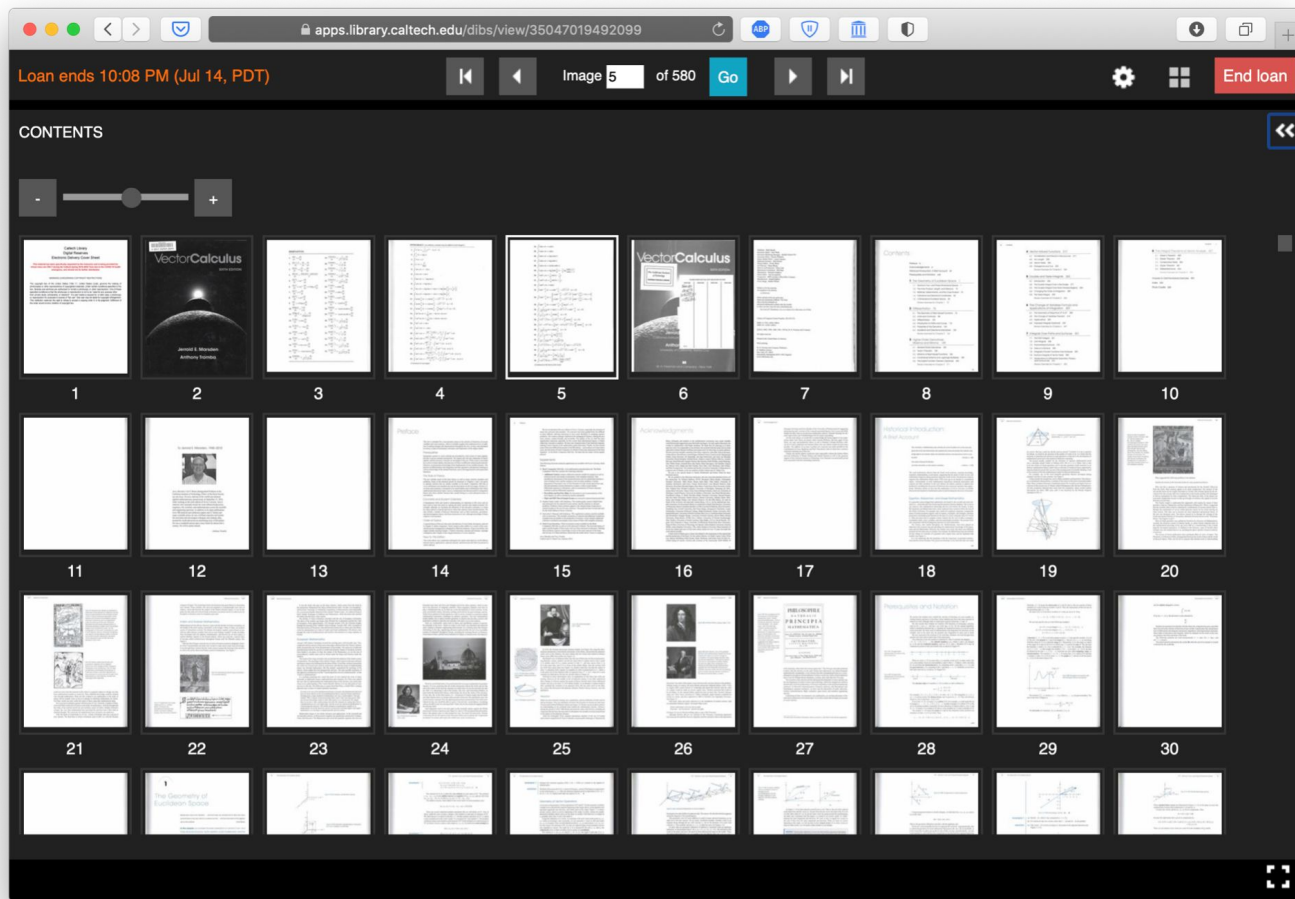
VectorCalculus

Caltech Library

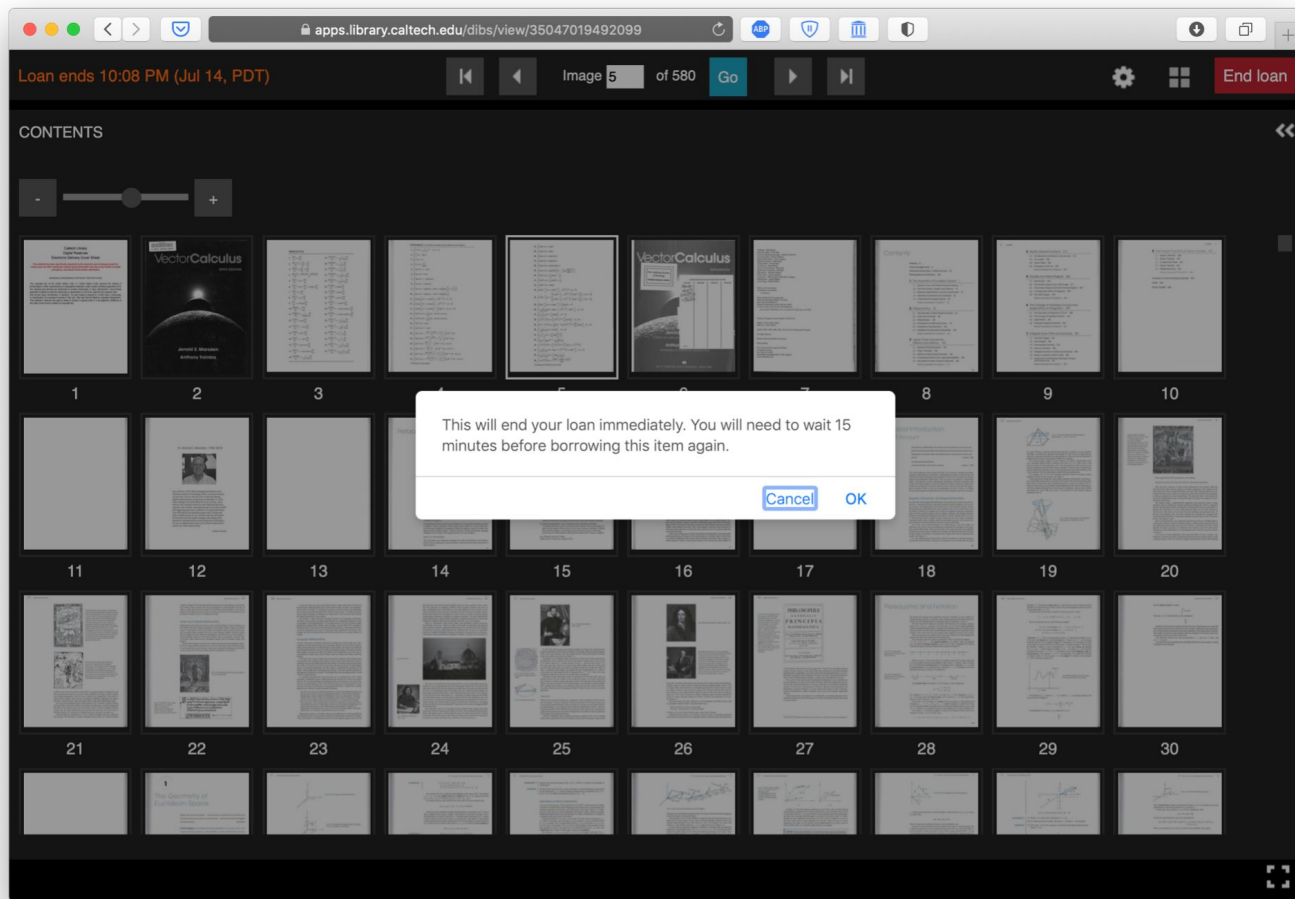
Attribution

$$\int \sinh^{-1} \frac{x}{a} dx = x \sinh^{-1} \frac{x}{a} - \sqrt{x^2 + a^2} \quad (a > 0)$$
$$\int \cosh^{-1} \frac{x}{a} dx = \begin{cases} x \cosh^{-1} \frac{x}{a} - \sqrt{x^2 - a^2} & \left[\cosh^{-1} \left(\frac{x}{a} \right) > 0, a > 0 \right] \\ x \cosh^{-1} \frac{x}{a} + \sqrt{x^2 - a^2} & \left[\cosh^{-1} \left(\frac{x}{a} \right) < 0, a > 0 \right] \end{cases}$$
$$\int \tanh^{-1} \frac{x}{a} dx = x \tanh^{-1} \frac{x}{a} + \frac{a}{2} \log |a^2 - x^2|$$
$$\int \frac{1}{\sqrt{a^2 + x^2}} dx = \log (x + \sqrt{a^2 + x^2}) = \sinh^{-1} \frac{x}{a} \quad (a > 0)$$
$$\int \frac{1}{a^2 + x^2} dx = \frac{1}{a} \arctan \frac{x}{a} \quad (a > 0)$$
$$\int \frac{\sqrt{a^2 - x^2}}{a^2 + x^2} dx = \frac{x}{2} \sqrt{a^2 - x^2} + \frac{a^2}{2} \arcsin \frac{x}{a} \quad (a > 0)$$
$$\int \frac{x}{(a^2 - x^2)^{3/2}} dx = \frac{x}{8} (5a^2 - 2x^2) \sqrt{a^2 - x^2} + \frac{3a^4}{8} \arcsin \frac{x}{a} \quad (a > 0)$$

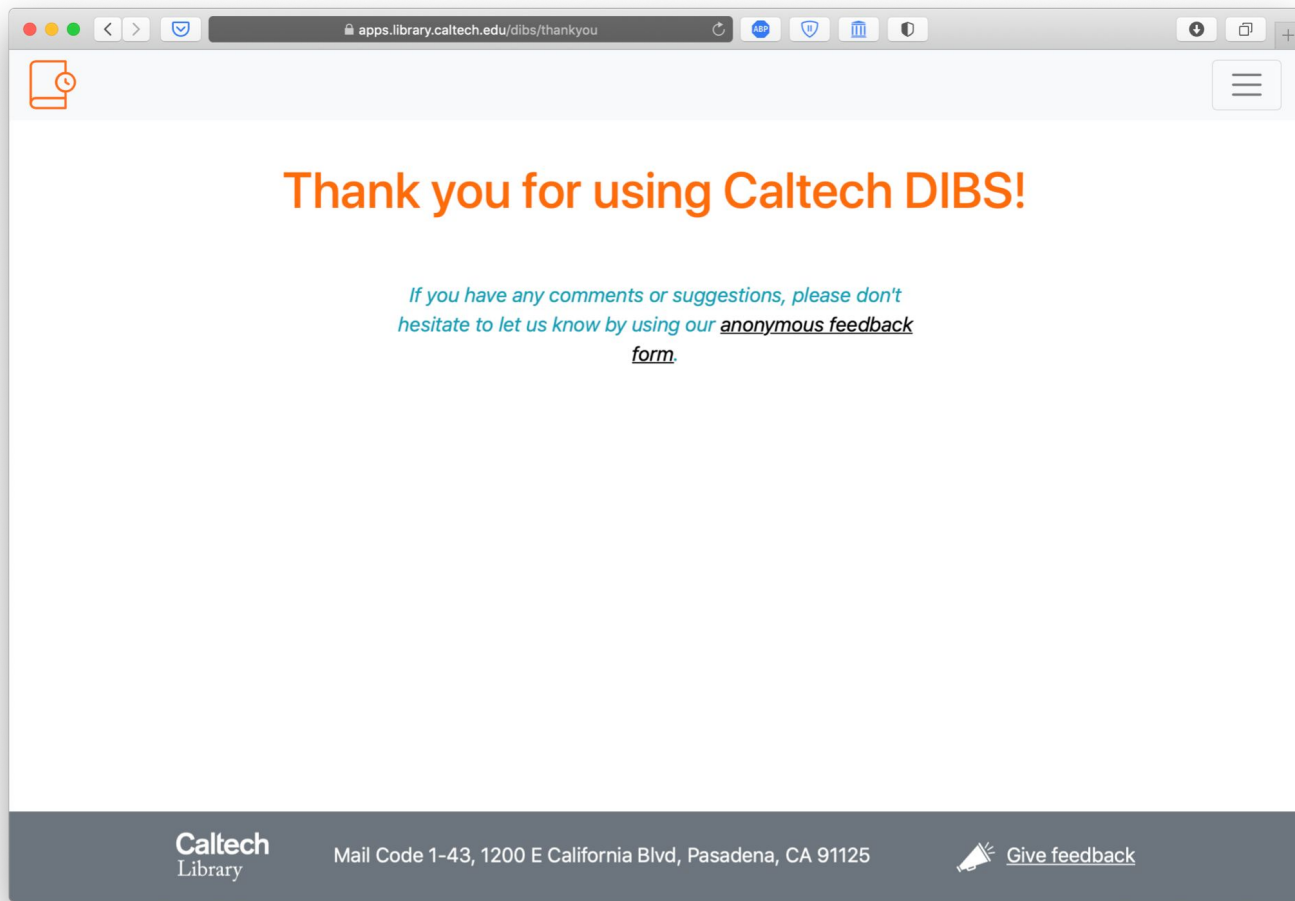
Zooming in



Page
thumbnails




Ending a loan

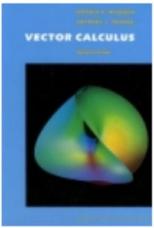


Viewer closed

apps.library.caltech.edu/dibs/item/35047019492099



Title	<u>Vector calculus</u>
Author(s)	Jerrold E. Marsden, Anthony Tromba
Year	2012
Edition	6th ed




This item is currently not available for a new digital loan. Your loan period has ended and it is too soon after the last time you borrowed it. This item is scheduled to become available again no later than 7:23 PM (PDT) on 2021-07-14.

Not available

Loan duration: 3 hours

Caltech
Library

Mail Code 1-43, 1200 E California Blvd, Pasadena, CA 91125

 [Give feedback](#)

Cooling-off
period

User must wait
15 minutes
between
consecutive
loans

apps.library.caltech.edu/dibs/list

Items in DIBS

Click on the column titles to sort the table by that column.

Barcode	Title	Author	Available to loan?	Loan time (hrs)	Copies for loans		
35047018586479	The ghost map	Steven Johnson	<input type="checkbox"/>	3	1	Copy link	Edit entry
35047019492099	Vector calculus	Jerrold E. Marsden, Anthony Tromba	<input checked="" type="checkbox"/>	3	2	Copy link	Edit entry
35047019574623	Inorganic chemistry	Catherine E. Housecroft	<input checked="" type="checkbox"/>	3	1	Copy link	Edit entry
35047019621192	Principles of cognitive neuroscience	Dale Purves ... [et al.]	<input checked="" type="checkbox"/>	3	1	Copy link	Edit entry
35047019628627	Investments	Zvi Bodie, Boston University, Alex Kane	<input checked="" type="checkbox"/>	3	2	Copy link	Edit entry

(Staff only)
list page

The list page shows all items, and allows adding new items and editing existing items

apps.library.caltech.edu/dibs/stats

Loan statistics

☐ Keep refreshing this page automatically

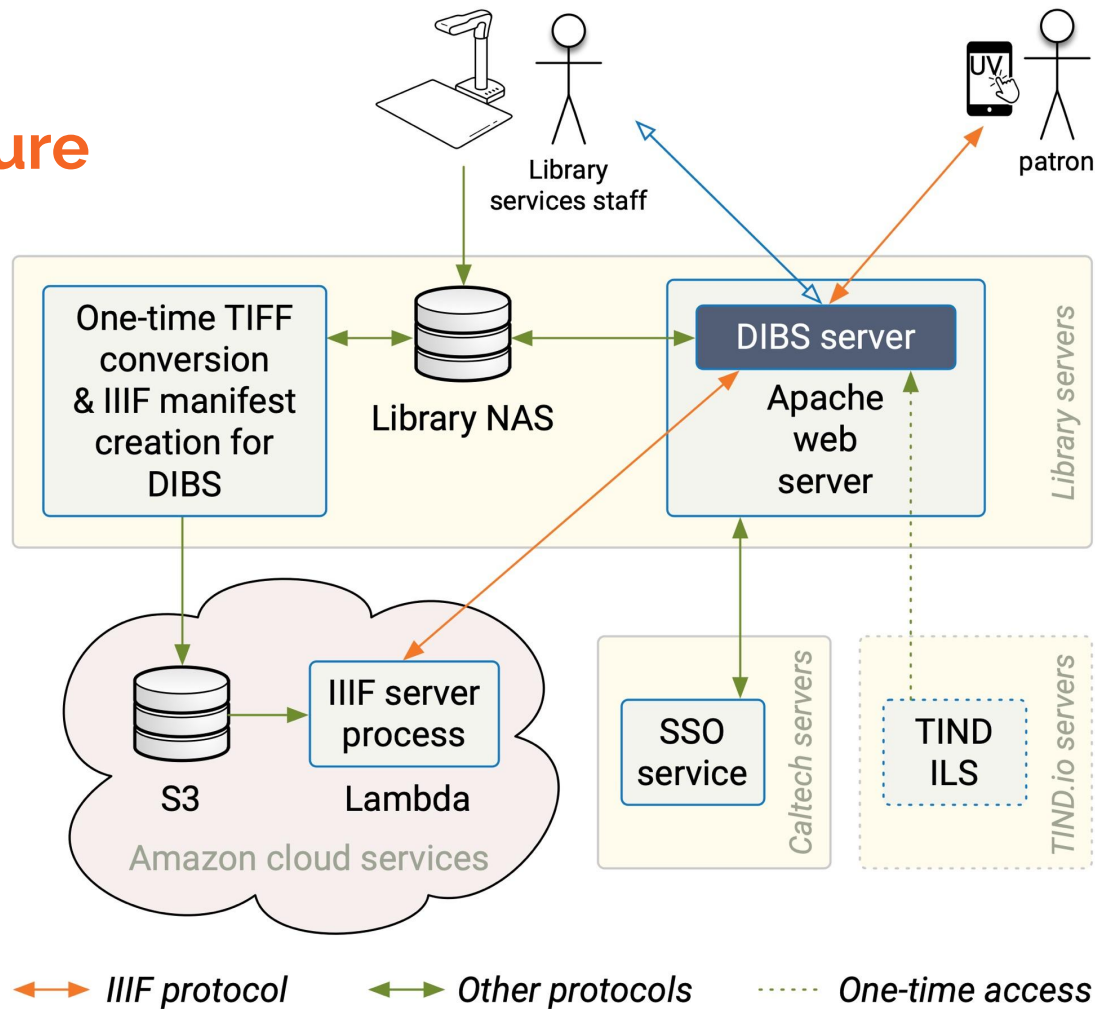
Click on the column titles to sort the table by that column.

Barcode	Title	Author	Current active loans	Total loans to date	Average loan duration	Content retrievals 15/30/45/60
35047019492099	Vector calculus	Jerrold E. Marsden, Anthony Tromba	0	110	2 hours	
35047019628619	Medical imaging signals and systems	Jerry L. Prince, Electrical and Computer Engineeri...	0	41	an hour	
35047019574623	Inorganic chemistry	Catherine E. Housecroft	0	27	an hour	
35047019628627	Investments	Zvi Bodie, Boston University, Alex Kane, Universit...	0	16	2 hours	
35047019628957	An introduction to the global circulation of the	David Randall	0	10	an hour	

(Staff only)
stats page

The stats page
shows basic
stats about
loans to date

System architecture



Caltech DIBS (Digital Borrowing System)

Source Code <https://github.com/caltechlibrary/dibs>

License BSD 3-clause

Online docs <https://caltechlibrary.github.io/dibs>



Mike



Robert



Tommy



Stephen

Thank you!

Charlie Barlow

BOSTON LIBRARY CONSORTIUM

cbarlow@blc.org

[@charlesjbarlow](#) [@blc_inc](#)



INTERNET ARCHIVE

CDL
Implementers

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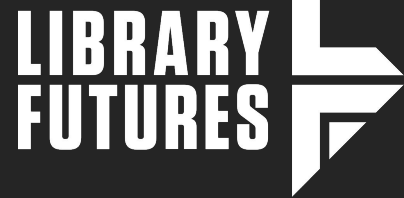
[@tcramer](#) [@OpenLibraryFdn](#)



INTERNET ARCHIVE

CDL
Implementers

We're standing up for the
rights of libraries in the
digital age.



- Technology
- Education
- Advocacy
- Community

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Join the coalition!
info@libraryfutures.net



ReSHARE

Open
Library
FOUNDATION



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Questions?

